



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	David A. Zarling	
Appln. No.:	09/990,433	
Confirmation No.:	4240	
Filed:	November 20, 2001	Examiner: Kaushal
For:	IN VIVO HOMOLOGOUS SEQUENCE TARGETING IN CELLS	Group No.: 1636 Conf. No.: 4240

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR § 1.97(c) and pursuant to Applicant's continuing duty under 37 CFR § 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

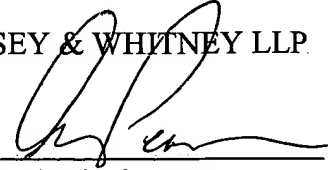
Applicant makes no representation that a complete search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material. The subject application is believed patentable over any of the references listed on the attached PTO/SB/08A form.

Pursuant to 37 CFR § 1.97(c), the references listed on the attached Form PTO SB/08A are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the identified references are enclosed as necessary.

The fee under 37 CFR § 1.17(p), required for submission of an IDS under 37 CFR § 1.97(c), is enclosed, as referenced in the attached Fee Transmittal Sheet. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-2319 (Order No. A-64580-5/AMP/JFB (470193-12)).

Respectfully submitted,

DORSEY & WHITNEY LLP

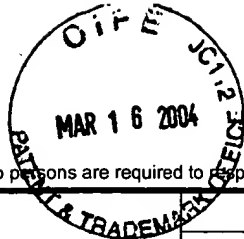


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Dated: _____

3/16/04

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Substitute PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO (Modified)				EXPRESS MAIL NO. EV 182099174 US	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/990,433
				Filing Date	Nov mb r 20, 2001
				First Named Inventor	ZARLING, David A.
				Group Art Unit	1636
				Examiner Name	Kaushal
Sheet	1	of	1	Attorney Docket Number	A-64580-5/AMP/JFB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A32	5,654,182	08-05-1997	Wahl et al.	

OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
	C100	Publication No. US-2002-0108136-A1, Pub. Date: August 8, 2002			
	C101	Publication No. US-2004-0019916-A1, Pub. Date: January 29, 2004			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English Language Translation is attached.

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